

**Daily Drilling and Scientific Report for IODP/ICDP Expedition 364
Chicxulub Impact Crater 2016**



18th Apr 00:00 - 24:00 CDT (UTC -5)

1. Location

Position 21 Deg 27.009' N, 89 Deg 56.962' W
IODP-MSP borehole M0077A
Prospectus borehole Chix-03A
Water Depth: 19.8 m

2. Science Report

Scientists continued preparing for the arrival of the first core. Science meeting held to discuss preliminary results of the downhole logging data for the upper 500 mWSF.

3. Core Recovery Details

Hole	M0077A
Cores recovered	N/A
Drilled length (Coring, m)	N/A
Drilled length (Open hole, m)	503
Recovered length (m)	N/A
Recovery (%)	N/A
Depth at midnight (mbsf)	503

4. Time Breakdown

00:00 Continue to POOH
00:40 Drill string recovered with cement bung protruding from the base
01:10 Started to run in pipe
07:30 Obstruction in hole encountered
08:25 Started POOH pipe
13:30 POOH complete and changed bit
15:00 Commence running in pipe
00:00 Continue running in pipe

5. Hours (inc. cumulative total) – no contractual implications can be made from these figures

In port	13.0
Transiting	3.0
Operating	286
Technical downtime	33
Weather downtime	0.0
Other downtime (specify)	0.0

6. Weather

Fair, sunny, good visibility, wave heights of 1.0 – 1.5 m; wind NE 30 kts, gusting at 38 kts Temperature 21-30°C.

7. Planned Activity for the next 24 hours

Complete tripping pipe and drilling through concrete, trip out pipe and attach coring bit before running pipe and commencing coring.

8. Health and Safety and Environmental

N/A

9. Photo of the day



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